

12-10-01

A

Practitioner's Docket No. 13249.348

PATENT

Preliminary Classification:

Proposed Class: Unknown

Subclass: Unknown

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application  
Assistant Commissioner for Patents  
Washington, DC 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Kiyoshi Uchiyama; Narayan Solayappan; Carlos A. Paz de Araujo

For (title): CHEMICAL VAPOR DEPOSITION METHOD OF MAKING LAYERED  
SUPERLATTICE MATERIALS USING TRIMETHYLBISMUTH

1. Type of Application

This transmittal is for an original (nonprovisional) application.

2. Papers Enclosed

A. Required for filing date under 37 C.F.R. 1.53(b) (Regular) or 37 C.F.R. 1.153 (Design)  
Application

22 Page(s) of Specification

4 Page(s) of Claims

3 Sheet(s) of Drawing(s)--Formal

CERTIFICATION UNDER 37 C.F.R. 1.10\*

(Express Mail label number is **mandatory**.)

(Express Mail certification is optional.)

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited with the United States Postal Service on this date 10/26/01 in an envelope as "Express Mail Post Office to Addressee," mailing Label Number EL895408219US addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, DC 20231.

Cheryl Martinez

(type or print name of person mailing paper)

*Cheryl Martinez*  
Signature of person mailing paper

**WARNING:** Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

**\*WARNING:** Each paper or fee filed by "Express Mail" **must** have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under §1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will **not** be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

**B. Other Papers Enclosed**

2 Page(s) of declaration and power of attorney

1 Page(s) of abstract

**3. Declaration or Oath**

Enclosed. Executed by inventors.

**4. Language**

English

**5. Assignment**

An assignment of the invention to Symetrix Corporation and Matsushita Electric Industrial Co., Ltd., is attached. A separate FORM PTO-1619 is also attached.

**6. Fee Calculation (37 C.F.R. Section 1.16)**

Regular Application

---

CLAIMS AS FILED

---

Claims	Number Filed	Basic Allowance	Fee	Number Extra	Rate	Basic Fee 37 CFR 1.16(a) \$740.00
Total Claims (37 CFR 1.16(c))	30	- 20 =		10 x	\$18.00	\$180.00
Independent Claims (37 CFR 1.16(b))	3	- 3 =		0 x	\$80.00	\$0.00
Multiple Dependent Claim(s), if any (37 CFR 1.16(d))					+ \$270.00	\$0.00
Filing Fee Calculation						\$920.00

**7. Fee Payment Being Made at This Time**

Enclosed

Filing Fee	\$920.00
Recording assignment (\$40; 37 C.F.R. Section 1.21(h)) (See attached Form PTO-1619)	\$ 40.00
<b>Total Fees Enclosed</b>	<b>\$960.00</b>

**8. Method of Payment of Fees**

Charge Account No. 50-1848 in the amount of \$960.00. A duplicate of this transmittal is attached.

**9. Authorization to Charge Additional Fees**

The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 50-1848.

37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)  
37 C.F.R. Section 1.16(b), (c) or (d) (presentation of extra claims)  
37 C.F.R. Section 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)  
37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to SECTION 1.136(a))  
37 C.F.R. Section 1.17 (application processing fees)

**10. Instructions as to Overpayment**

Credit Account No. 50-1848.

Date: 10-26-01

V. Craig Belair  
Signature of Practitioner

Reg. No.: 49,056  
Tel. No.: 303-379-1136  
Fax No.: 303-379-1155

V. Craig Belair  
**Customer No.: 24283**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Uchiyama, Kiyoshi; Solayappan, Narayan; and Paz de Araujo, Carlos A.  
Application No.: Applied For Group No.: Unknown  
Filed: Herewith Examiner: Unknown  
For: CHEMICAL VAPOR DEPOSITION METHOD OF MAKING LAYERED SUPERLATTICE  
MATERIALS USING TRIMETHYLBISMUTH

**Box Patent Application**  
Assistant Commissioner for Patents  
Washington, DC 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" Label Number: EL895408219US  
Date of Deposit: 10/26/2001

I hereby state that the following attached papers or fee:

1. New Application Transmittal (2 for a total of 6 pages)
2. Specification (22 pages)
3. Claims (4 pages – 30 claims)
4. Abstract (1 page)
5. Formal Drawings (3 sheets – 6 figures)
6. Combined Declaration And Power Of Attorney (2 pages)
7. Assignment Recordation Cover Sheet Form PTO-1619 (3 pages)
8. Assignment Of Invention (2 pages)

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. Section 1.10, on the date indicated above and is addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, DC 20231.

Cheryl Martinez



Signature of person mailing papers or fee